

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 217489USO

First Inventor or Application Identifier Octavian BARZU

Title GENES ENCODING UMP KINASE, METHODS FOR PURIFYING UMP KINASE AND METHODS OF CHARACTERIZING UMP KINASE

Assignee Name INSTITUT PASTEUR

Assignee Address 28, Rue Du Docteur Roux, Paris Cedex, FRANCE

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Sheets **22**
3. ☐ Formal Drawing(s)  
(35 U.S.C. 113) Total Sheets
4. ☐ Oath or Declaration Total Pages 
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation / divisional w/ box 17 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☒ Computer Readable Form (CRF)
  - b. Specification or Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ Paper
  - c. ☒ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☒ Application Data Sheet, 2 pages, See 37 CFR 1.76
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ White Advance Serial No. Postcard
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
16. ☒ Other: Depository Information:  
Escherichia coli B DH5 and PRO pH60-2  
(M. tuberculosis smbA insert)  
Escherichia coli B BL21 (DE3) pDIA17  
pAOT13 (H. influenzae smbA insert)  
Escherichia coli B BL21 (DE3) pDIA17  
pSL13 (B. subtilis smbA insert)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on

☐ Which was published in English

☐ Which was not published in English

☒ This application claims priority of provisional application Serial No. 60/255,894 Filed December 18, 2000

**19. CORRESPONDENCE ADDRESS**



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Name:	Norman F. Oblon	Registration No.:	24,618
Signature:		Date:	12-18-01
Name:	Daniel J. Pereira, Ph.D.	Registration No.:	45,518

Docket No. 217489US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Octavian BARZU et al

SERIAL NO: New Application

FILING DATE: Herewith

FOR: GENES ENCODING UMP KINASE, METHODS FOR PURIFYING UMP KINASE AND METHODS OF CHARACTERIZING UMP KINASE

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	45 - 20 =	25	× \$18 =	\$450.00
INDEPENDENT CLAIMS	7 - 3 =	4	× \$84 =	\$336.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$280 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$740.00
TOTAL OF ABOVE CALCULATIONS				\$1,656.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$1,656.00

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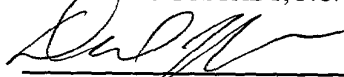
A duplicate copy of this sheet is enclosed.

☒ A check in the amount of **\$1,656.00** to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.  
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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217489US0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

:

Octavian BARZU et al

: ATTN: APPLICATION BRANCH

SERIAL NO. NEW U.S. APPLICATION

:

FILED: HEREWITH

:

FOR: GENES ENCODING UMP KINASE,  
METHODS FOR PURIFYING UMP KINASE  
AND METHODS OF CHARACTERIZING UMP KINASE

STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicants are submitting a Sequence Listing and a corresponding computer-readable Sequence Listing with the application filed herewith. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the Sequence Listing.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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FOR FILING